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ABSTRACT

U.S. Office of Education grants for 1972 in the field of environmental education are described briefly in this pamphlet. Grants were awarded in each of the 50 states, the District of Columbia, Puerto Rico, and Micronesia to promote a better understanding of the environment, the Nation's environmental problems, and the options for enhancing the quality of the environment. Funded under the Environmental Education Act of 1970 (P.L. 91-516), the 162 grants, totaling approximately three million dollars, were made to public and private non-profit organizations, including local school systems, institutions of higher education, and citizen groups for pilot projects in environmental education. The compilation lists each project individually by state and identifies its complete title, name of director, address and telephone number, amount of funds awarded, and presents a short description of the project and/or project objectives. This document describes the projects in more detail than a related document, ED 070 601. (BL)

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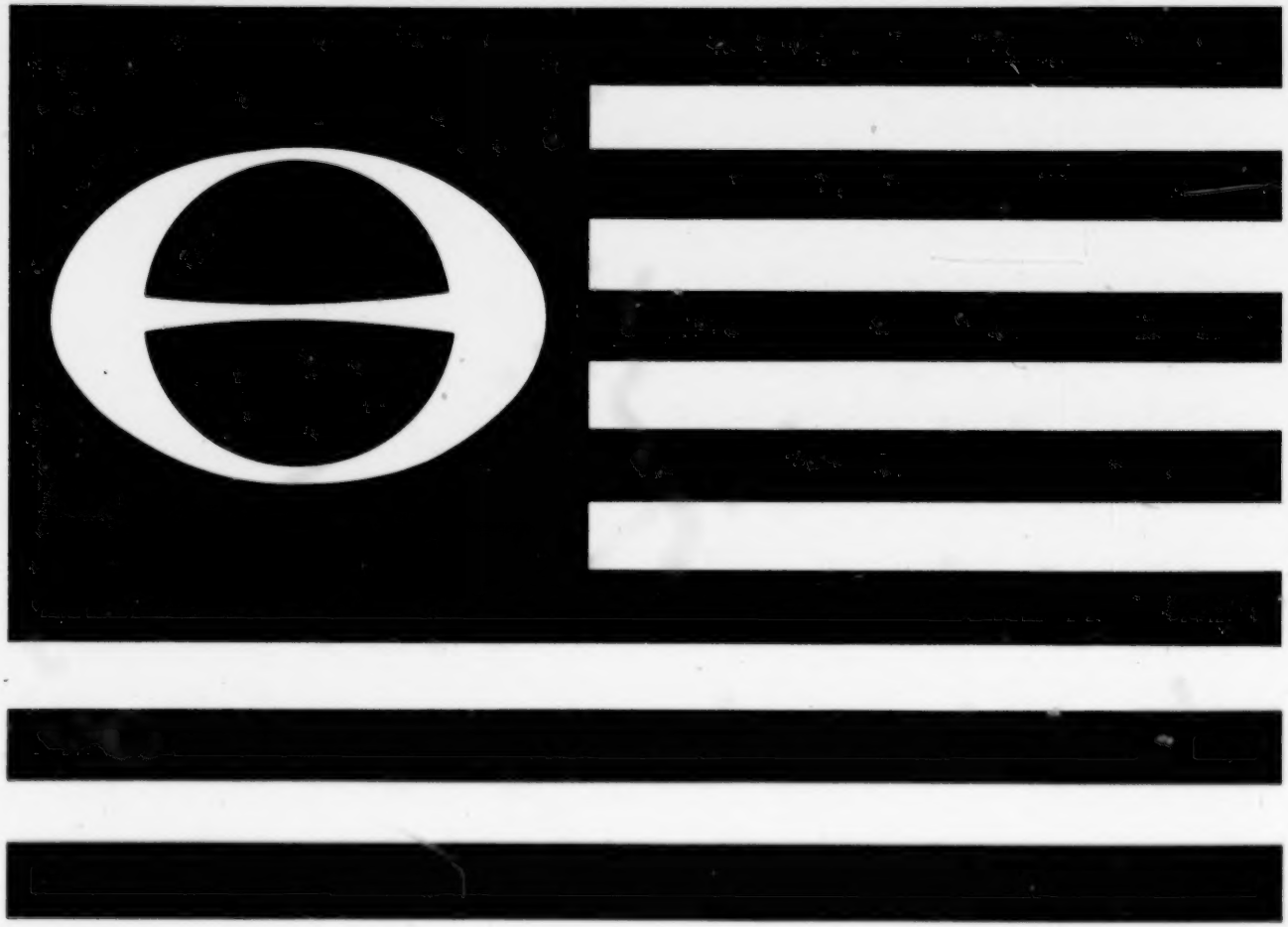
ENVIRONMENTAL EDUCATION PROJECTS

FISCAL YEAR 1972



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / Education Division / Office of Education

WHAT IS ENVIRONMENTAL EDUCATION?

Not all educators and planners agree on a definition of environmental education, but they know what environmental education is and what it is not.

ENVIRONMENTAL EDUCATION IS---

A new approach to teaching about man's relationship to his environment—how he affects and is affected by the world around him;
An integrated process dealing with man's natural and man-made surroundings;
Experience-based learning, using the total human, natural, and physical resources of the school and surrounding community as an educational laboratory;
An interdisciplinary approach that relates all subjects to a whole-earth "oneness of purpose";
Directed toward survival in an urban society;
Life-centered and oriented toward community development;
An approach for developing self-reliance in responsible, motivated members of society;
A rational process to improve the quality of life;
Geared toward developing behavior patterns that will endure throughout life.

THE CONSENSUS IS THAT ENVIRONMENTAL EDUCATION IS NOT---

Conservation, outdoor education, resource management, or nature study (although these may be included in an environmental education program);
A cumbersome new program requiring vast outlays of capital and operating funds;
A self-contained course to be added to the already overcrowded curriculum;
Merely getting out of the classroom.

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ENVIRONMENTAL EDUCATION PROJECTS

FISCAL YEAR 1972

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Elliot L. Richardson, Secretary

Education Division
S. P. Marland, Jr., Assistant Secretary

Office of Education
John R. Ottina, Acting Commissioner

Office of Environmental Education
Walter Bogan, Director

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WASHINGTON: 1972

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INTRODUCTION

The Environmental Education program was developed in the U.S. Office of Education in response to the growing concern over the quality of the environment and the belief that education has a vital role in the national effort to enhance and maintain environmental quality. This program includes the administration of grant funds under the Environmental Education Act which was signed October 30, 1970.

The Environmental Education Act authorizes the U.S. Commissioner of Education to award funds for a wide variety of educational activities that can help promote a better understanding of the environment, the Nation's environmental problems, and the options for enhancing the quality of the environment.

In fiscal year 1973 approximately $3 million provided grants to 162 public and private nonprofit organizations, including local school systems, institutions of higher education, and citizen groups, for pilot projects in environmental education. These projects are described briefly in this publication. For additional information on any of these activities, contact the sponsor at the address listed for each project.

For information concerning the program and environmental education resources, write to——

Office of Environmental Education
U.S. Office of Education
Code 424
400 Maryland Ave., SW.
Washington, D.C. 20202

ENVIRONMENTAL EDUCATION PROJECTS—Fiscal Year 1972

PROJECT CONTACT AND ADDRESS	PROJECT DESCRIPTION AND AMOUNT OF FEDERAL SUPPORT
ALABAMA John W. Bloomer, Chairman ALABAMA ENVIRONMENTAL QUALITY ASSOCIATION Post Office Box 11000 Montgomery 36111 *Tel:* 205-325-2222	A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State. (Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) *$43,000*
Joanne Jordan SOUTHERN UNION STATE JUNIOR COLLEGE Wadley 36276 *Tel:* 205-395-2211	Students at Southern Union State will develop written supplemental materials to be used by elementary classes visiting a National Environmental Study Area. *$9,000*
ALASKA William Johnson BRISTOL BAY AREA NATIVE ASSOCIATION Box 48 Dillingham 99576 *Tel:* 907-842-3284	The Bristol Bay Association will develop an environmental education curriculum for native villages which will center upon village and regional decisionmaking and problem-solving processes to help villagers develop the land in an environmentally sound manner. *$45,000*
Lawrence Hill ALASKA STATE DEPARTMENT OF EDUCATION Pouch F Juneau 99801 *Tel:* 907-586-5486	A State Department of Education team will develop a process to provide technical assistance to elementary and secondary schools to implement environmental education activities. The technical assistance process will be field tested in approximately 15 community schools. *$40,700*
ARIZONA John Schneider ROUGH ROCK DEMONSTRATION SCHOOL Chinle 86503 *Tel:* 602-781-6284	Materials for use in Indian schools and communities will be developed based upon the community's environmental problems (coal production, water and air pollution, solid waste, land erosion, for example). The materials will be written in Navajo and English and presented from the viewpoint of Indian tradition and culture. *$16,000*

ARIZONA (cont.)

Charles Coston
TUCSON AUDUBON SOCIETY
Post Office Box 3981
Tucson 85717
Tel: 602-327-5854

This Audubon Society will operate pilot workshops in desert ecology for teachers and community leaders. *$7,950*

ARKANSAS

Bessie Moore
DEPARTMENT OF EDUCATION
Little Rock 72201
Tel: 501-371-2061

The Arkansas State Department of Education will sponsor a series of environmental studies TV programs to help community groups and organizations identify and resolve their environmental problems. Followup workshops will be held in several communities. *$18,000*

Dr. Bessie Moore
DEPARTMENT OF EDUCATION
Little Rock 72201
Tel: 501-371-2061

At the request of eight school districts, the State Department of Education will train teachers and administrators in the establishment of environmental education projects and activities for the schools. *$47,750*

CALIFORNIA

Patrick H. Heffernan
ENVIRONMENTAL INFORMATION CLEARINGHOUSE, INC.
2179 Allston Way
Berkeley 94704
Tel: 415-548-2220

The Clearinghouse will provide a mechanism for collecting, coordinating, originating, and disseminating environmental education materials. It will also develop a method for providing an interface between business, industry, government agencies, and private environmental organizations through the sharing of information. *$18,000*

Helen A. James
SAN JUAN SCHOOL DISTRICT
3738 Walnut Ave.
Carmichael 95608
Tel: 916-484-2621

Students, school staff, and community residents will analyze, develop, and evaluate environmental education concepts. The conceptual framework will form the basis for a K-12 curriculum and a guide to the use of outdoor study centers. *$31,000*

Richard Altimari
HUNTINGTON BEACH UNION HIGH SCHOOL DISTRICT
1902 17th St.
Huntington Beach 92648
Tel: 714-536-9331, ext. 223

A manual will be written on how to develop school yards as outdoor classrooms and laboratories in which students may learn to understand environmental and ecological principles and solve environmental problems. *$7,200*

CALIFORNIA (cont.)

Clif Humphrey
ECOLOGY ACTION EDUCATIONAL INSTITUTE
Box 3895
Modesto 95352
Tel: 209-529-3784

The Institute will develop a curriculum process which focuses on the ecology of a county—resident land and systems—to demonstrate to county residents the interrelationships of energy, food, population, recycling, et cetera. *$30,000*

William D. Whiteneck
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT
1619 N St.
Sacramento 95814
Tel: 916-444-6060, ext. 244

Elementary level materials will be developed based on the concept of the city as a waste-producing organism. The materials will address questions on the origin and possible solutions to pollution problems, including the political and economic constraints. *$1,800*

F. Bruce Steward
SAN BERNADINO VALLEY COLLEGE
701 S. Mt. Vernon Ave.
San Bernardino 92403
Tel: 714-885-0231, ext. 296

The college will develop a process for training neighborhood youth corps and other students to carry out community environmental education activities. *$8,000*

Jerry Kindred
SHELTER INSTITUTE
149 Ninth St.
San Francisco 94103
Tel: 415-864-2656

The Institute will develop with the Daly City Public Schools a process curriculum that will involve a team of students working full time for one semester in a cooperative study of a local environmental problem. *$27,750*

Richard Johnson
SAN LUIS OBISPO COUNTY OFFICE OF EDUCATION
2156 Sierra Way
San Luis Obispo 93401
Tel: 805-543-7732

The County Office of Education will develop an environmental education curriculum component of the traditional Outward Bound Program. It will stress inservice teacher training in an outdoor laboratory setting. *$9,800*

J. Marc McGinnes, President
COMMUNITY ENVIRONMENTAL COUNCIL
15 W. Anapamu St.
Santa Barbara 93104
Tel: 805-963-7739

The Council will develop an educational process involving an ecology center as an educational institution within a community. *$19,000*

Edward Gans
OPEN SPACE, INC.
1802 Berkeley St.
Santa Monica 90291
Tel: 213-821-9082

In cooperation with Los Angeles City Schools, Open Space, Inc., will develop an environmental process curriculum with a primary focus on the local urban environment and curriculum activities for grades three through six. *$40,000*

CALIFORNIA (cont.)

Quentin Bryan
SANTA ROSA CITY SCHOOLS
211 Ridgeway Ave.
Santa Rosa 95401
Tel: 707-528-5183

Process education in the city schools will involve cross-age teaching. An environmental education group made up of high school students will serve as aides in the fourth, fifth, and sixth grades to teach and learn about human and environmental values, with a focus on local problems. ***$10,000***

COLORADO

Vincent Cyphers, Chairman
COLORADO MASTER ADVISORY PLANNING COUNCIL
c/o Richard Rocchio
Center for Research and Education
2150 S. Bellaire St.
Denver 80222
Tel: 303-759-0044

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet those needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) ***$30,000***

Vincent Cyphers, Chairman
COLORADO MASTER ADVISORY PLANNING COUNCIL
c/o Richard Rocchio
Center for Research and Education
2150 S. Bellaire St.
Denver 80222
Tel: 303-759-0044

In a national demonstration project, The Colorado Master Advisory Planning Council, with support from CRE (Center for Research and Education), will provide technical assistance to other statewide planning organizations based upon the processes that they have employed in developing the Colorado State plan. ***$60,000***

David Braman
DENVER COMMUNITY COLLEGE
1001 E. 62d Ave.
Denver 80216
Tel: 303-287-3311, ext. 210

Citizens from environmental organizations will study a community college as an ecosystem. They will develop a model for analyzing other urban institutions. ***$9,500***

Alton Cowan, Superintendent
JEFFERSON SCHOOL DISTRICT
Lakewood 80215
Tel: 303-237-6971

Students, teachers, and citizens will work together to shape a curriculum whereby environmental education will be infused throughout the curriculum used in the Jefferson City Public Schools. Environmental learning packets for each grade level and for each discipline will be developed. ***$40,000***

CONNECTICUT

Philip Joranson
FAITH-MAN-NATURE GROUP
Cider Mill Rd.
Andover 06232
Tel: 203-742-9566 or 742-5065

Supplemental curriculum materials will be produced through symposia on environmental values and their foundations in philosophy, ethics, and environmental science. ***$8,000***

CONNECTICUT (cont.)

Marshal Case
CONNECTICUT AUDUBON SOCIETY
2325 Burr St.
Fairfield 06430
Tel: 203-259-6305

The Connecticut Audubon Society and trained members of the School Volunteer Association will work with teachers in inner city schools to assist them in developing and implementing urban ecology courses. *$13,000*

Medill Bair
HARTFORD BOARD OF EDUCATION
249 High St.
Hartford 06103
Tel: 203-566-6028

In cooperation with Model Cities, Teacher Corps, and the University of Hartford, the Board of Education will develop minicourses for alternative learning centers. The courses will include ecological studies of the Connecticut River, salt water marsh conditions, air pollution, and an urban ghetto. *$37,500*

William R. Barrs
PRESTON BOARD OF EDUCATION
R.F.D. #1
Norwich 06360
Tel: 203-889-3832

The local conservation commission and public schools will analyze and monitor the local watershed, using students, teachers, and citizens to help develop a curriculum guide on the local estuary. *$3,400*

DELAWARE

John F. Reiher
STATE DEPARTMENT OF PUBLIC INSTRUCTION
Townsend Bldg.
Dover 19901
Tel: 302-678-4667

The State Department of Public Instruction will help public and private organizations develop curriculum materials for use in both formal and nonformal education activities. *$15,000*

[illegible] Hounsell
[illegible] DUPONT SCHOOL DISTRICT
[illegible] Kennett Pike
Greenville 19807
Tel: 302-654-5171

The Population Environment Project at the Alexis I. DuPont School will be responsible for curriculum development workshops for 20 individuals. They will prepare population environmental studies material for the school district's multidisciplinary K-12 curriculum. The objective is to integrate population environmental concepts into the curriculum. *$13,000*

DISTRICT OF COLUMBIA

Carl A. Troester
AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION
1201 16th St. NW.
Washington 20036
Tel: 202-833-5530

The Association, an affiliate of the National Education Association (NEA), will evaluate existing slide-tape supplemental curriculum materials and develop a slide-tape show on environmental ethics aimed at the kindergarten age group. *$15,000*

DISTRICT OF COLUMBIA (cont.)

Nina D. Small
ANTIOCH SCHOOL OF LAW
1145 19th St., NW.
Washington 20036
Tel: 202-833-1700

A series of workshops will be held on environmental education and its relation to urban environmental legal problems for paraprofessionals and professionals. One outgrowth will be a series of papers which can be utilized as supplemental curriculum materials. ***$5,000***

Mrs. Paul Ignatius, President
CONCERN, INC.
2233 Wisconsin Ave., NW.
Washington 20007
Tel: 202-965-0066

Concern, Inc., will run a series of volunteer citizen workshops at which citizens will learn how to evaluate the quality of their drinking water. Participants will prepare a consumer looseleaf workbook for other citizens who wish to evaluate the quality of the community's water supply. ***$9,250***

Sutton Jett
NATIONAL PARKS CENTENNIAL COMMISSION
U.S. Department of the Interior
Washington 20240
Tel: 202-343-8607

The Foundation will translate into Spanish and French an amalgamation of two existing National Park Service and NEA publications: *NESA Guide* and *Man and His Environment.* ***$2,000***

Ken Hampton
NATIONAL WILDLIFE FEDERATION
1416 16th St., NW.
Washington 20036
Tel: 202-483-1550

The Federation will run experimental workshops for people in educational positions in organizations such as the D.C. Department of Recreation, Adams-Morgan Community Nature Center, and other inner city organizations. ***$9,500***

Reuben Pierce, Cochairman
William Sanders, Cochairman
PLANNING COMMITTEE FOR ENVIRONMENTAL EDUCATION FOR D.C.
c/o Tyron C. Brown
WASHINGTON URBAN LEAGUE, INC.
1424 16th St., NW.
Washington 20036
Tel: 202-638-0043 or 582-6767

A planning group will identify the District's environmental education needs and develop a strategy for implementing activities to meet those needs with the resources available to the District of Columbia.
(Planning groups include representatives serving areawide constituencies in elementary, secondary, and higher education; conservation; health, and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor, and industry; consumer organizations; and others. The chairperson is elected by the group.) ***$47,000***

FLORIDA

Hal Scott
FLORIDA AUDUBON SOCIETY
Post Office Drawer 7
Maitland 32751
Tel: 305-647-2615

The Florida Audubon Society will conduct workshops to enable citizens and educators to assist in developing and implementing environmental education activities in their schools and communities. ***$10,000***

FLORIDA (cont.)

Tee Greer
DADE COUNTY PUBLIC SCHOOLS
1410 NE. 2d Ave.
Miami 33156
Tel: 305-350-3241

The public school system will establish an environmental education center to facilitate the study of the urban environment. The center will be used primarily by secondary students, teachers, and citizens of the community. *$43,000*

R. F. Mines
NATIONAL ASSOCIATION FOR ENVIRONMENTAL EDUCATION
11011 SW. 104th St.
Miami 33156
Tel: 305-274-1212

In cooperation with secondary education personnel, the Association will develop a secondary level environmental studies curriculum, *Man and Environment*, and other selected environmental education projects across the country. *$40,000*

Roy Bazire
SANIBEL-CAPTIVA CONSERVATION FOUNDATION
Post Office Box 25
Sanibel 33957
Tel: 813-472-1149

Sanibel-Captiva Conservation Foundation, Lee County Environmental Project, and other community environmental groups will develop and disseminate an Environmental Quality (E-Q) index through two workshops and subsequent audiovisual presentations. *$11,000*

Rodney F. Allen
FLORIDA STATE UNIVERSITY
426 Hull Dr.
Tallahassee 32306
Tel: 904-599-2318

The University will design, produce, and evaluate 12 instructional units and accompanying teacher guides in humanistic education, focused upon the ethics of man-land-nature relations. *$20,000*

GEORGIA

Everett T. Keach, Jr.
UNIVERSITY OF GEORGIA
130 Fain Hall
Athens 30601
Tel: 404-542-5110

The University will use existing environmental education theoretical materials to develop instructional modules concerning environmental quality problems for primary grade pupils with stress on man-land-water-air relationships. *$19,500*

Jarvis Barnes
ATLANTA PUBLIC SCHOOLS
224 Central Ave., SW.
Atlanta 30303
Tel: 404-659-3381

The public school system will develop a high school level environmental educational process curriculum based on student-originated study, for use in a quarterly system. *$25,000*

GEORGIA (cont.)

Lewis S. Shelton
FERNBANK SCIENCE CENTER
156 Heaton Park Dr., NE.
Atlanta 30307
Tel: 404-378-4311

A center owned and operated by the DeKalb County School System will provide technical assistance to schools and communities in several nearby counties. Assistance will include teacher training, development of educational resource materials, and demonstration field study activities for students and community groups. *$30,000*

HAWAII

Siegfried Ramler
CITIZENS' COMMITTEE FOR ENVIRONMENTAL EDUCATION
c/o Meyer Bogust
Office of Environmental Quality Control
Office of the Governor
State Capitol, Room 436
Honolulu 96813
Tel: 808-941-0971

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) *$24,000*

James Harpstrite
PACIFIC AND ASIAN AFFAIRS COUNCIL
2004 University Ave.
Honolulu 96822
Tel: 808-941-6066

This Council will work closely with student participants in community education programs, and will develop an environmental education process at the high school level through student-managed inter-Island conferences and workshops. *$9,500*

IDAHO

H. Sydney Duhcombe
BUREAU OF PUBLIC AFFAIRS RESEARCH
University of Idaho
Moscow 83843
Tel: 208-885-6563

The University will hold a series of environmental workshops in selected Idaho cities in which environmental specialists will assist community leaders seeking to understand environmental problems. *$10,000*

Kenneth Kinucan
SUN VALLEY CREATIVE ARTS CENTER, INC.
Box 181
Sun Valley 83353
Tel: 208-788-4001

The Center will run series of courses, workshops, and community programs focusing on county environmental problems for teachers and other members of the community. *$9,000*

ILLINOIS

Daniel H. Perlman
ROOSEVELT UNIVERSITY
430 S. Michigan Ave.
Chicago 60606
Tel: 312-341-3803

Roosevelt University will sponsor pilot environmental education programs to train field staff of Model Cities, the Chicago Committee on Urban Opportunity, and other agencies. Educational personnel from these inner city agencies will test urban environmental educational materials and processes. *$13,000*

ILLINOIS (cont.)

Noel F. McInnis, Director
CENTER FOR CURRICULUM DESIGN
823 Foster St.
Evanston 60201
Tel: 312-866-7830

The Center for Curriculum Design (CCD) and Total Education in the Total Environment (TETE) will cosponsor 10 regional environmental education workshops. An average of 20 key environmental education and community resource leaders from each of the 50 States will be involved in these workshops, which will focus on environmental education techniques and philosophy. *$40,000*

Malcolm Swan
NORTHERN ILLINOIS UNIVERSITY
Taft Field Campus
Box 299
Oregon 61061
Tel: 815-732-2111

In cooperation with local colleges, Northern Illinois University will conduct a 1-year inservice training program for 50 intermediate and secondary school teachers in the communities along Rock River, Ill. The local river basin will be a focal point of study in an effort to encourage an understanding of issue-oriented learning. Participants will identify, develop, and test environmental education methods and materials in their classrooms. *$9,900*

Ted Andrews
GOVERNOR'S STATE UNIVERSITY
College of Environmental and Applied Sciences
Park Forest South 60466
Tel: 312-563-2211, ext. 300

The Governor's State University will design and implement a series of environmental workshops for 130 community leaders. A series of five workshops will provide inservice training for noneducational personnel such as mayors, urban planners, business and labor leaders, builders and real estate developers, and lawyers and social workers in environmental issues, especially those which relate to planning for community growth. *$31,000*

Thomas A. Shea
PRINCETON SCHOOL DISTRICT #115
S. Mercer St.
Princeton 61356
Tel: 815-872-1142

This school district will use local resource people to develop an ecological curriculum for elementary schools which revolves around the environmental problems of the rural community and stresses problem-centered projects. *$7,900*

Gary K. Kratz
WINNEBAGO COUNTY SOIL AND WATER CONSERVATION DISTRICT
3820 Auburn St.
Rockford 61103
Tel: 815-968-8394

The County Conservation Council is expanding the scope of last year's pilot effort in community environmental education. *$5,642*

Donald Benedict, Executive Director
COMMUNITY RENEWAL SOCIETY
13315 Pleasant Valley Rd.
Woodstock 60098
Tel: 312-236-4830

The Society will develop a multidisciplinary outdoor environmental education center program suitable for a multicultural, urban target group. Development activities will focus on the needs of low-income, inner city residents of all ages. *$20,000*

INDIANA

Jerry L. Brown
INDIANA UNIVERSITY FOUNDATION
Box F
Bloomington 47401
Tel: 812-337-1625

The Foundation will develop and evaluate a 12th-grade curriculum on population-environmental affairs. The material is designed for use by schools throughout the country. *$35,000*

Willis Johnson
INDIANA ACADEMY OF SCIENCE
Wabash College
Crawfordsville 47933
Tel: 317-362-1400

The Academy will implement four experimental 10-week environmental seminars in noncollege cities. The seminars will focus on local environmental problems. *$6,100*

Dave Johnson
MARIAN COLLEGE
Development and College Relations
3200 Cold Spring Rd.
Indianapolis 46222
Tel: 317-924-3291

Marian College will pilot a project designed to educate a community through study of the local wetland and in the process develop an outdoor ecological laboratory. *$5,000*

B. J. McGuiness
MARION COUNTY TUBERCULOSIS AND RESPIRATORY DISEASE ASSOCIATION
615 N. Alabama St.
Indianapolis 46204
Tel: 317-291-5451

This Association will run a pilot course designed to assist citizens already active in the environmental field to serve as community instructors in environmental education. *$2,700*

Glen Catlin
AMERICAN CAMPING ASSOCIATION, INC.
Bradford Woods
Martinsville 46151
Tel: 317-342-3042

The American Camping Association, Inc., will sponsor two ecologists who will develop and test a workshop format to be used in summer camps. These workshops will assist summer camp directors in the implementation of environmental programs. *$10,000*

Ray Lockwood
MARION COMMUNITY SCHOOLS
Post Office Box 808
Marion 46952
Tel: 317-622-2546, ext. 38

Teachers, students, consultants, and community representatives will work together during the summer to develop a model environmental education curriculum for preschool through adult education. The curriculum will be tested in at least one elementary, junior high, and senior high school during the year. *$18,000*

Maxine Batman
VINCENNES AND KNOX PUBLIC LIBRARIES
502 North 7th St.
Vincennes 47591
Tel: 812-882-6007

Two libraries will hold community workshops aimed at establishing a rural environmental education program. The project will focus on Knox County's 50-acre cypress swamp. *$5,000*

IOWA

Michael E. Thede
IOWA CENTRAL COMMUNITY COLLEGE
330 Avenue M
Fort Dodge 50501
Tel: 515-576-7201

The community college will establish a center to promote environmental literacy in northwest Iowa. The principal activity of the center will be a series of student, faculty, and community workshops and courses based on common environmental problems of the area. ***$5,800***

KANSAS

Dwight R. Platt
BETHEL COLLEGE
North Newton 67117
Tel: 316-283-2500, ext. 27

The college will pilot workshops in environmental studies for family groups so that they may understand the impact of environmental concerns on family life. ***$11,000***

KENTUCKY

Charles E. Kupchella
BELLARMINE COLLEGE
2000 Norris Pl.
Louisville 40205
Tel: 502-452-8151

The college will use *Man and His Environment* materials to conduct inservice training courses for individuals engaged in environmental activities. Emphasis will be placed on local environmental problems as they relate to basic ecological concepts. ***$5,500***

Jerry Howell
MOREHEAD STATE UNIVERSITY
Morehead 40351
Tel: 606-783-3101

The university will disseminate reference and resource materials to public schools, businesses, civic organizations, and political subdivisions in eastern Kentucky. This will be accomplished through assembling an information packet for each target group. ***$18,000***

LOUISIANA

Raymond Mesler
LOUISIANA COUNCIL FOR MUSIC AND PERFORMING ARTS, INC.
611 Gravier St.
New Orleans 70130
Tel: 504-527-5070

To train inservice education personnel, the Arts Council will develop and field test education materials based upon the artist's perception of the environment and the particular techniques and skills that are applicable to the artist's profession. ***$25,000***

MAINE

John Morison
MAINE PUBLIC BROADCASTING NETWORK
Orono 04473
Tel: 207-581-7551

Through "viewer-active television," Maine's public broadcasting network will develop and evaluate a demonstration model of statewide participation in the solution of a simulated environmental crisis which parallels a genuine issue currently troubling the State. ***$44,000***

MARYLAND

Tom Wisner
NATURAL RESOURCES INSTITUTE
Chesapeake Biological Laboratory
University of Maryland
College Park 20740
Tel: 301-326-4281

The Institute will incorporate Chesapeake Bay ecology into 20 basic laboratory exercises for local fifth-grade students and other elementary students throughout Maryland. *$20,000*

MASSACHUSETTS

Paul Buckley
NORTH SHORE COMMUNITY COLLEGE
3 Essex St.
Beverly 01915
Tel: 617-927-4850, ext. 25

The College will pilot 10 evening workshops to acquaint conservation commission members, local officials, and other citizens with water-quality tests and the significance of test results on environmental concerns throughout the community. *$2,300*

Donald Schall
THE CAPE COD MUSEUM OF NATURAL HISTORY
Route 6A
Brewster 02631
Tel: 617-896-3867

The Museum will conduct a pilot program to determine the extent to which museums can undertake elementary level, environmental education for school systems. *$9,000*

Charles E. Roth
MASSACHUSETTS AUDUBON SOCIETY
South Great Rd.
Lincoln 01773
Tel: 617-259-9500

Under a contract with the U.S. Office of Education, the Society will assist public and private educational organizations to develop curriculum processes and materials for formal and nonformal education programs. *$4,000*

Charles E. Roth
MASSACHUSETTS ADVISORY COMMITTEE ON CONSERVATION EDUCATION
Massachusetts Audubon Society
South Great Rd.
Lincoln 01773
Tel: 617-259-9500

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) *$22,500*

Russ Carpenter
WGBY-TV
1 Armory Sq.
Springfield 01105
Tel: 413-781-2801

WGBY-TV, an educational television station, will develop a program featuring an environmental reporting team whose broadcasts will increase public awareness of environmental issues as they relate to social and economic issues. The broadcasts will concentrate on issues in the station's prime signal area, the Connecticut River Watershed. This program is funded in cooperation with the Environmental Protection Agency. *$35,000*

MASSACHUSETTS (cont.)

Ronald C. Broman
WEST BRIDGEWATER STUDENT CONSERVATION GROUP, INC.
Post Office Box 259
West Bridgewater 02379
Tel: 617-583-0800

A group of high school students will establish within the community and surrounding towns an environmental education program, based on the community's environmental problems as described and analyzed by the students. *$9,500*

MICHIGAN

William Stapp, Chairman
TASK FORCE ON ENVIRONMENTAL EDUCATION
c/o Mr. James Kellogg
Office of the Governor
State Capitol Building
Lansing 48903
Tel: 517-373-3427

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) *$42,000*

B. C. VanKoughnett
SCHOOL DISTRICT OF THE CITY OF PONTIAC
350 Wide Track Drive East
Pontiac 48058
Tel: 313-338-6240

The school district will develop a coordination and technical assistance mechanism, within the school system, for communitywide environmental education programs. Four specific needs will be emphasized: (1) curriculum development; (2) school/city environmental study site development and utilization; (3) nonformal community education; and (4) career education. *$25,000*

MINNESOTA

Diane Legg
ENVIRONMENTAL LIBRARY OF MINNESOTA, INC.
1222 4th St., SE.
Minneapolis 55414
Tel: 612-331-8025

A special-purpose library, staffed by volunteers and housed in the Minneapolis Public Library, will disseminate environmental resource and curriculum materials to public and private educational organizations. The library is also open to individual users. *$13,500*

Julia Copeland
MINNEAPOLIS PUBLIC LIBRARY
300 Nicollet Mall
Minneapolis 55401
Tel: 612-372-6609

The Minneapolis Public Library—designated a State center for environmental information—will develop pertinent informational materials for the general public. *$6,500*

James H. Leslie
MINNESOTA ENVIRONMENTAL SCIENCE CENTER
5400 Glenwood Ave.
Minneapolis 55422
Tel: 612-544-8971

A private Minnesota environmental foundation will give technical assistance to Minnesota teachers, schools, and community organizations to enable them to understand and utilize environmental education techniques and materials developed by the Foundation as they relate to the development of environmental study areas. *$20,000*

MINNESOTA (cont.)

Marilyn J. Feser
MINNESOTA ENVIRONMENTAL CONTROL CITIZENS' ASSOCIATION
26 E. Exchange
St. Paul 55101
Tel: 612-473-5725

The Citizens' Association will develop a model course in environmental decisionmaking as part of a community environmental education program focusing on the environmental problems of seven small cities. *$2,700*

Robert E. Collins, Chairman
MINNESOTA ENVIRONMENTAL EDUCATION COUNCIL
c/o Ronald J. Ballberte
State Department of Education
St. Paul 55401
Tel: 612-544-8971

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) *$30,000*

Rory N. Vose
ST. MARY'S COLLEGE
Biology Department
Winona 55987
Tel: 507-452-4430, ext. 228

This small Catholic college will conduct evening workshops in ecology for faculties of the three colleges in Winona. Stress will be given to showing how ecological concepts are related to all disciplines. *$5,600*

MISSISSIPPI

Fowden Maxwell
MISSISSIPPI STATE UNIVERSITY
Entomology Department
Post Office Box EM
State College 39762
Tel: 601-325-4541

The University will conduct a pilot institute on biological control of insect and plant diseases aimed at the practical integration of biological control methods into pest management systems for control of pests. Local high school teachers will participate in order to develop curriculum materials. *$6,000*

MISSOURI

Dorothy Cottrell
COMMITTEE FOR ENVIRONMENTAL INFORMATION
Environment Magazine
438 N. Skinker Blvd.
St. Louis 63130
Tel: 314-863-6560

The committee will prepare and classroom-test five unit books on environmental issues for use at the secondary education level. The booklets will be based upon scientific information from *Environment* magazine—one of the leading national periodicals in the field of environmental problems. *$30,000*

MISSOURI (cont.)

Penelope Royse
COMMITTEE FOR ENVIRONMENTAL INFORMATION
Environment Magazine
438 N. Skinker Blvd.
St. Louis 63130
Tel: 314-863-6560

The Committee will identify special environmental information needs of industrial workers and will develop materials, with the assistance of environmental writers, scientists, and members of the United Automobile Workers' and Teamsters' unions suitable to meet these needs. *Environment* magazine, produced by the Scientists Institute for Public Information with which the sponsor is affiliated, will serve as a major resource in the project. *$30,000*

MONTANA

Martha Anne Dow
AMERICAN ASSOCIATION OF UNIVERSITY WOMEN (AAUW)
3023 Stinson Ave.
Billings 59501
Tel: 406-265-9555

The AAUW will design and pilot-test 3-day environmental education workshops for rural communities. *$7,000*

Torlief Aasheim
MONTANA STATE UNIVERSITY
Cooperative Extension Service
Bozeman 59715
Tel: 406-587-3121, ext. 271

The University Extension Service will develop a curriculum for education of the general public in an 18-county rural area. *$30,500*

Geoffrey G. Foote
FALLS CREEK ENVIRONMENTAL EDUCATION FOUNDATION
Route 6, East Rattlesnake
Missoula 59801
Tel: 406-549-1493

The Foundation will develop a pilot, environmentally oriented organic school—grades one-six—through a series of community-based workshops. *$9,500*

NEBRASKA

James Malkowski
FONTENELLE FOREST ASSOCIATION
111 Bellevue Blvd., N.
Bellevue 68005
Tel: 402-731-3140

The Fontenelle Forest Nature Center will train elementary teachers and principals to utilize natural environmental study areas as part of their school curriculums. *$18,000*

NEVADA

Richard G. Miller
FORESTA INSTITUTE FOR OCEAN AND MOUNTAIN STUDIES
6205 Franktown Rd.
Carson City 89701
Tel: 702-882-6361

The Foresta Institute will develop a brief, pilot course to train secondary teachers to use comparisons between varied ecological communities as an approach to environmental education. *$5,500*

NEW HAMPSHIRE

William B. Ewart, Chairman
ENVIRONMENTAL EDUCATION PLANNING COUNCIL
c/o Paul O. Bofinger
Society for the Protection of New Hampshire Forests
Five S. State St.
Concord 03301
Tel: 603-271-3292

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor and industry; consumer organizations; and others. The chairperson is elected by the group.) *$36,000*

Roland M. Miller
HANOVER-NORWICH AND VERMONT-DRESDEN SCHOOL DISTRICTS
Lebanon St.
Hanover 03755
Tel: 603-643-3431

These school districts will develop and implement an environmental studies program in an elementary/secondary school system. At the more advanced levels, a multidisciplinary study focusing on local aquatic ecosystems will be undertaken. Teacher training and the use of volunteer aides are an integral part of the program. *$4,900*

James W. Morrison
ST. ANSELM'S COLLEGE
College Rd.
Manchester 03102
Tel: 603-669-1030, ext. 222

In cooperation with the local education agency, St. Anselm's and the Manchester School District will develop an interdisciplinary process curriculum in environmental education for the high school level. Students receive guidance in identifying specific local environmental problems and in exploring and analyzing them in various (disciplinary and real life) situations. *$23,000*

Robert B. Todd
PISCATAQUOG WATERSHED ASSOCIATION
Old Francestown Rd.
New Boston 03070
Tel: 603-487-2603

The watershed association and the Derryfield School, a private school, will involve students and adults in a communitywide project which will be based upon data collections on water quality in the local watershed. *$3,000*

Richard Wolfson
KEARSARGE REGIONAL HIGH SCHOOL
North Sutton 03260
Tel: 603-927-4261

The high school students will develop community environmental study guides for use by high school classes and community residents. *$900*

NEW JERSEY

Norma Klein
BROOKDALE CENTER FOR ENVIRONMENTAL MANAGEMENT
BROOKDALE COMMUNITY COLLEGE
Lincroft 07738
Tel: 201-842-5414

The Center's project is designed to instruct primary grade teachers in simple, effective means for teaching environmental concepts. A master teacher will visit schools throughout Monmouth County and conduct inservice environmental education workshops for primary grade teachers. *$8,200*

NEW JERSEY (cont.)

James A. Kimple
SOUTH BRUNSWICK TOWNSHIP PUBLIC SCHOOLS
West New Rd.
Monmouth Junction 08852
Tel: 201-329-8182

Curriculum materials will be developed from the basic techniques developed by public and private high schools and universities for microwatershed studies which will extend the capabilities of the Tilton water pollution and control program. *$8,000*

Helen B. Warrin
SETON HALL COLLEGE
400 S. Orange Ave.
South Orange 07079
Tel: 201-762-9000, ext. 403

A core environmental education program developed independently over the past 2 years will be integrated into the entire preservice curriculum of the teachers college. *$37,000*

NEW MEXICO

Abe Plummer
RAMAH NAVAJO HIGH SCHOOL
Box 248
Tamah 85321
Tel: 505-783-5801

The entire community will develop a community environmental education program. The objective is to help make environmental education an integral part of the high school curriculum with stress on Indian views of the land and nature. *$37,000*

NEW YORK

Paul D. Marr
RESEARCH FOUNDATION
STATE UNIVERSITY OF NEW YORK
Box 7126
Albany 12224
Tel: 518-457-7620

The Foundation will develop and pilot environmental education curriculum materials for training appointees to environmental commissions, appropriate government officials, and interested citizens. The objective is to assist lay citizens on environmental commissions and other persons with environmental policy planning and/or implementation responsibilities at the local level. *$23,000*

William Bet
WAVE HILL, INC.
675 West 252d St.
Bronx 10471
Tel: 212-549-2055

Wave Hill will offer environmental education workshops and followup activities for local community leaders and citizens. It will focus on the use of the open classroom, where students can use these natural resources for learning how to learn. School personnel, teachers, administrators, and other school groups will be brought into the educational process along with community representatives. *$15,000*

Sister Patricia Hartigan
BROOKLYN DIOCESAN SCHOOL SYSTEM
ST. NICHOLAS HIGH SCHOOL
Brooklyn 11211
Tel: 212-384-5391

An urban Catholic high school will establish a multidisciplinary 2-semester course for 11th- and 12th-grade students in ecological concepts, environmental problems, and citizen responsibilities. *$3,000*

NEW YORK (cont.)

Donald Mathis
PRATT INSTITUTE
215 Ryerson St.
Brooklyn 11205
Tel: 212-622-5026

The Institute will develop an urban environmental education center with stress on peculiar urban environmental problems and how the community can be assisted in solving them by the educational system. *$20,000*

Richard E. Bamberger, Principal
SCHODACK CENTRAL SCHOOL DISTRICT
MAPLE HILL HIGH SCHOOL
Castleton-on-the-Hudson 12033
Tel: 518-732-7701

Maple Hill will develop a high school environmental education course emphasizing suburban community problem-solving activities. *$29,000*

Helene Duffy
HUDSON RIVER SLOOP RESTORATION, INC.
Post Office Box 25
Cold Spring 10516
Tel: 914-265-2888

Beacon (N.Y.) students and teachers will sponsor a program in conjunction with the sloop *Clearwater* designed to enhance environmental awareness of the Hudson River, by conducting community workshops on the environmental problems of the River Valley. *$9,700*

Mrs. Richard Smith
SOUTHERN TIER GIRL SCOUT COUNCIL
171 N. Pl.
Corning 14830
Tel: 607-962-2405

Through three seminars, the Girl Scout Council will develop an educational process whereby all age levels in the community can jointly study water quality and the consequences of pollution in Chemung River Drainage Basin. *$5,300*

William DeLucia
EAST SYRACUSE/MINOA CENTRAL SCHOOL DISTRICT #1
407 Fremont Rd.
East Syracuse 13057
Tel: 315-656-7201

The School District will develop and evaluate a coordinated environmental curriculum for intermediate grades with stress on language arts, math, art, music, and physical education. High school students will concentrate on the educational components of environmental problems. *$18,000*

Nicholas Caruso
LARCHMONT CHAMBER OF COMMERCE
99 Boston Post Rd.
Larchmont 10538
Tel: 914-834-6050

The Larchmont Chamber of Commerce will develop a community education model in conjunction with high school students participating in a "school within a school" pilot program. The model will be developed around issues of solid waste disposal and recycling. *$8,400*

Catherine Pessino
AMERICAN MUSEUM OF NATURAL HISTORY
Central Park and 79th St.
New York 10024
Tel: 212-873-1300

The Museum will develop a new urban ecology center to teach concepts of ecology to children, primarily grades three to six. The grant will provide an instructor—a school-community coordinator to assist in developing and producing materials—and the funds for evaluating the entire project, including the participative exhibits and relations with the school system. *$35,000*

NEW YORK (cont.)

Michael Prescott
EDUCATIONAL BROADCASTING CORP.
314 West 58th St.
New York 10019
Tel: 212-581-6000

Design and testing of K-12 curriculum process will be accomplished by students and teachers working on an environmental project series relating to specific environmental problems in New York, New Jersey, and Connecticut. *$30,000*

Grace Pleasants
GIRL SCOUTS OF THE U.S.A.
830 Third Ave.
New York 10022
Tel: 212-751-6900, ext. 401

Girl Scouts of the U.S.A. will produce and distribute blueprints for eco-action—a collection of community education strategies developed by youth-adult teams for the solution of typical community environmental problems. *$10,500*

NORTH CAROLINA

Art Hurow
CENTER FOR POPULATION AND ENVIRONMENTAL EDUCATION
UNIVERSITY OF NORTH CAROLINA
Chapel Hill 27514
Tel: 919-933-5047

The Center for Population and Environmental Education will develop two experimental inservice teacher training courses in population education, using curriculum materials developed by the Center. The course will be offered through the statewide system of community colleges. *$20,000*

E. L. Rankin, Jr., Chairman
ENVIRONMENTAL EDUCATION TASK FORCE
c/o Leigh H. Hammond
Department of Administration
Office of the Governor
Raleigh 27602
Tel: 919-829-4368

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet those needs with the resources available to the State.
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NORTH DAKOTA

Denis Huber
UNITED TRIBES OF NORTH DAKOTA DEVELOPMENT CORPORATION
Box 139
Bismarck 58501
Tel: 701-223-9395

In cooperation with numerous groups, United Tribes will develop Indian-oriented environmental education materials and processes for infusion into an American Indian social studies curriculum for grades K-12. The materials will be used by the entire North Dakota State Public School System. Cooperating groups include the State Department of Public Instruction, the State Board of Vocational Education, and the New School of Behavioral Studies in Education. *$30,000*

David E. Walsh
FARGO-MOOREHEAD CHAPTER
ZERO POPULATION GROWTH
Box 2691
Fargo 58102
Tel: 701-237-7711

The Fargo-Moorehead Chapter of Zero Population Growth will conduct a pilot dissemination project on the effect of man's activities and lifestyle on the environment. Environmental booths and exhibits at State and county fairs will reach rural populations in North Dakota and northwestern Minnesota. *$4,000*

OHIO

Judith Schultz
RAYMOND WALTERS COLLEGE
UNIVERSITY OF CINCINNATI
9555 Plainfield Rd.
Cincinnati 45236
Tel: 513-793-6010

The University will develop and implement a one-quarter inservice training course on population education for 35 junior/senior level teachers. Using an interdisciplinary approach to population education, the course will be taught by a team of specialists in history, political science, biology, and sociology. The emphasis will be on factual information and the development of classroom applications within various disciplines. *$5,000*

Lowell F. Bernard
CLEVELAND HEALTH MUSEUM
8911 Euclid Ave.
Cleveland 44106
Tel: 216-231-5010

The Cleveland Health Museum will participate in the Cuyahoga River Watershed program which is a national demonstration project. The Museum will train teachers and students in the Tilton process of water sampling and environmental studies. *$53,800*

Joseph Chadbourne
INSTITUTE FOR ENVIRONMENTAL EDUCATION
8911 Euclid Ave.
Cleveland 44106
Tel: 216-231-5010

The Institute will assist and coordinate seven local education agencies and two private schools in initiating the Cuyahoga River Watershed program, a national demonstration project which will monitor the quality of the water in the Cuyahoga River by taking samples and doing chemical and biological analyses. The data will serve as a baseline for determining the improvement of the Cuyahoga River in the years ahead. *$26,000*

Ann Thomas, Chairman
ENVIRONMENTAL CLEARINGHOUSE
1 Stranahan Sq.
Toledo 43603
Tel: 419-536-8117

Operated by the Junior League, the Environmental Clearinghouse will inform the public on environmental matters. The Clearinghouse will coordinate existing groups and organizations and will aid and encourage community involvement in environmental affairs. *$11,500*

OKLAHOMA

Daniel Blanchard, Executive Director
THE AMERICAN INSTITUTE OF DISCUSSION
Post Office Box 103
Oklahoma City 73101
Tel: 405-235-9681

The American Institute of Discussion will develop a combination of modulated television programs complemented by community-centered discussion groups. The project will provide the WKY-TV audience with kits prepared and distributed by the Institute. *$20,200*

Gary McNaught, Program Director
UNITED STATES JAYCEES FOUNDATION
Box 7
Tulsa 74102
Tel: 918-584-2481, ext. 66

The U.S. Jaycees' Project ECO will train Jaycees in two national regions in methods of community education to enable them to assist their communities in environmental problem-solving techniques. *$57,000*

OREGON

Lawrence Williams
OREGON ENVIRONMENTAL COUNCIL
4315 W. Corbett
Portland 97201
Tel: 503-222-1963

The Council will establish a Recycling Switchboard, set up on a multicounty basis, to coordinate and encourage a wide variety of recycling activities. The Council will develop related educational materials. *$20,000*

Donald Stotler
ENVIRONMENTAL EDUCATION CENTER
PORTLAND STATE UNIVERSITY
Box 751
Portland 97207
Tel: 503-229-4682

The Center will provide leadership and encourage intergroup cooperation and coordination in the tricounty area of Portland to improve environmental education programs and activities. *$27,000*

Donald Stotler
ENVIRONMENTAL EDUCATION CENTER
PORTLAND STATE UNIVERSITY
Box 751
Portland 97207
Tel: 503-229-4682

Through a contract with the U.S. Office of Education, the Center will provide technical assistance to educational personnel and community leaders in Oregon in creating and coordinating environmental education projects. *$6,500*

Tim Ash
SCHOOL DISTRICT #1 --
MULTONOMAH COUNTY
631 NE. Clackamas St.
Portland 97208
Tel: 503-234-3392, ext. 274

An outdoor environmental education facility planned and constructed by youngsters and adults on 240 acres of Bureau of Land Management property, will stress ecologically oriented lifestyles and environmentally sound activities. *$13,000*

Robert Sesar
SCHOOL DISTRICT #1 --
MULTNOMAH COUNTY
631 NE. Clackamas St.
Portland 97208
Tel: 503-234-3392, ext. 274

Students from an inner city and a suburban school will jointly develop a manual on how schools can improve classroom programs by using the outdoor and urban environment. *$9,000*

PENNSYLVANIA

Ellis Hirshman
LOWER MERION SCHOOL DISTRICT
Montgomery Ave. and Church Rd.
Ardmore 19003
Tel: 215-649-5600

A committee of teachers, parents, and students will develop a pilot, interdisciplinary course on environmental problems. A team of specialists will lead the course. *$6,500*

PENNSYLVANIA (cont.)

Dr. Donald L. Wright
MONTGOMERY COUNTY INTERMEDIATE UNIT #23
Colony Office Bldg.
Route 73 and Butler Pike
Blue Bell 19422
Tel: 215-648-7600

The leaders of the project at the Tilton School, where students produced *A Curriculum Activities Guide to Water Pollution and Environmental Studies**, will analyze and document about 20 different projects using the Tilton philosophy and process of environmental education. They will then prepare a book based on this analysis. ***$15,000***

Alan Levy
GROUP FOR ENVIRONMENTAL EDUCATION, INC. (GEE)
1214 Arch St.
Philadelphia 19107
Tel: 215-564-4404

A group of architects will conduct workshops with elementary and secondary teachers who received the urban environmental education materials in 1971-72. They will evaluate the usefulness of the materials. New concepts of urban ecology will be introduced in the workshops. ***$10,000***

Charles Yost
UNIVERSITY CITY SCIENCE CENTER
3508 Science Center
Philadelphia 19104
Tel: 215-387-2255

The Science Center will prepare and disseminate an environmental education field guide which will identify various community field sites that illustrate environmental issues, problems, and concepts. The guide will offer tips on environmental problems which will enrich field observations by students and teachers. ***$11,500***

Matthew Reilly
ENVIRONMENTAL STUDIES INSTITUTE
CARNEGIE MELLON UNIVERSITY
Pittsburgh 15213
Tel: 412-621-2600, ext. 338

The Environmental Studies Institute will complete the development, evaluation, and demonstration of an air pollution game—an educational activity which treats various aspects of life in an urban region during a period of high air pollution. ***$31,000***

Carole Baldino
NORTHEASTERN PENNSYLVANIA EDUCATIONAL TELEVISION ASSOCIATION
Post Office Box 4444
Scranton 18509
Tel: 717-344-8637

The Association will develop a communitywide environmental education program through use of the local educational television station as the vehicle for both school curriculum development and for communitywide environmental education curriculum development, coordination, and dissemination. ***$56,000***

Sandra Raymond
TUBERCULOSIS AND HEALTH SOCIETY OF NORTHEAST PENNSYLVANIA
415 N. Washington Ave.
Scranton 18503
Tel: 717-961-2033

A council will develop a communitywide environmental education program through teacher training, local environmental data sampling by college students on work-study programs, and community projects focusing on selected environmental problems. ***$42,000***

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*To order volumes I and II of the *Guide*, see the *Mail Order Form* on the inside back cover.

PUERTO RICO
Cruz A. Matos
ENVIRONMENTAL QUALITY BOARD
OF PUERTO RICO
Box 11785
Santurce 00910
Tel: 809-725-5140

The board will initiate a pilot project to demonstrate that secondary students can gather data on the effects of air pollution on weather, living conditions, and health by daily observations at 160 stations. These monitoring stations will be established as part of the schools' environmental education programs. An environmental quality index will be developed focusing on air pollution. *$20,000*

RHODE ISLAND
Mary E. Durfee
GIRL SCOUTS OF RHODE ISLAND, INC.
333 Grotto Ave.
Providence 02906
Tel: 401-521-5884

The Rhode Island Girl Scout Council will develop and test a traveling mini-laboratory for environmental education. The lab will be staffed by five people, including a science teacher, and will contain testing equipment and a variety of materials. The van will visit scout camps throughout Rhode Island in the summer and fall. *$14,000*

SOUTH CAROLINA
Ann R. Jennings
COLUMBIA ENVIRONMENTAL COALITION
Box 4701
Columbia 29201
Tel: 803-776-0762

A volunteer environmental coalition will develop a community environmental awareness program based on local problems and create a statewide communications network of environmental organizations. *$8,000*

SOUTH DAKOTA
J. O. Young
SOUTH DAKOTA STATE UNIVERSITY
Brookings 57006
Tel: 605-688-4147

The South Dakota State University Cooperative Extension Service will conduct an environmental education program for elected and appointed decisionmakers and identified opinion leaders. The project will take place in a Federal- and State-designated experimental 10-county Model Rural Development District. *$26,000*

TENNESSEE
Adrian Marie Hofstetter
LEMOYNE-OWEN COLLEGE
807 Walker Ave.
Memphis 38126
Tel: 901-948-6626

This predominantly black college will continue and strengthen courses in environmental studies through involving students in community projects. *$9,000*

Courtland Randall
OAK RIDGE ASSOCIATED UNIVERSITIES
Oak Ridge 37830
Tel: 615-484-8411

The Oak Ridge Associated Universities will develop basic experimental kits, field measurement guides, and related software to enable high school students to measure pesticides and herbicides in the land. *$15,000*

TEXAS

Harold Box
UNIVERSITY OF TEXAS
FAIA, DEPARTMENT OF ARCHITECTURE
Arlington 76010
Tel: 817-261-8461 or 265-5881

Cross-disciplinary team teaching will be undertaken to train faculty in using innovative techniques and experience-based teaching strategies. The university seeks to develop environmental awareness in professional fields other than architecture where the university initially used the techniques. *$10,900*

Charles W. Nix, Interim Chairman
TEXAS ADVISORY COUNCIL ON
ENVIRONMENTAL EDUCATION
c/o Ed Grisham
Capitol Station Box 12428
Austin 78711
Tel: 512-475-2427

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet those needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor, and industry; consumer organizations; and others. The chairperson is elected by the group.) *$27,300*

Margaret Warren
DALLAS PUBLIC LIBRARY
1954 Commerce St.
Dallas 75201
Tel: 214-748-9071, ext. 351

The Library will assist the educational effort of the Environmental Coalition of North Central Texas by compiling an area resource directory. The directory and updates will be published as a supplement to the *Times Herald* and the *Dallas Morning News*, with a circulation of 600,000. *$11,000*

UTAH

LaMont Jensen
DAVIS COUNTY SCHOOL DISTRICT
45 East State St.
Farmington 84025
Tel: 801-825-2218

A high school will develop a summer ecosystem studies program for credit for primarily Mexican American students. Followup through the school year will be based on investigation of local environmental problems in manmade and natural environments. *$13,600*

VERMONT

John Horsley
BOLTON INSTITUTE
139 Main St.
Brattleboro 05301
Tel: 202-338-3157

The Institute will conduct a regional training workshop for New England's State government employees. *$20,000*

Seward Weber
VERMONT NATURAL RESOURCES COUNCIL
97 State St.
Montpelier 05602
Tel: 802-229-9496

The Council will initiate pilot workshops to encourage conservation groups to make their resources available to local schools. The Council will also coordinate the various resources of existing groups for a State strategy for environmental education. *$5,000*

VERMONT (cont.)

Roland M. Miller
HANOVER-NORWICH and VERMONT-DRESDEN SCHOOL DISTRICTS
Lebanon St.
Hanover, New Hampshire 03755
Tel: 603-643-3431

This project covers school districts in both New Hampshire and Vermont. See description under New Hampshire. ***$4,950***

Frederick Mold
FAIRBANKS MUSEUM OF NATURAL SCIENCE
83 Main St.
St. Johnsbury 05819
Tel: 802-748-3413

The Museum's environmental education center serves schools and the community. The center provides technical assistance to schools and organizations in conducting environmental studies activities, using available and/or self-constructed materials and resources. The process and techniques of the Museum's program will be documented to provide an example to museums, schools, and organizations throughout the country of effective low-cost environmental education activities and the use of a museum as a community center. ***$14,000***

VIRGINIA

O. Keister Evans
AMERICAN HORTICULTURAL SOCIETY
901 N. Washington St., 304
Alexandria 22314
Tel: 703-683-3077

The Society will conduct workshops for leaders of national organizations on how to use horticultural knowledge for local environmental improvement. ***$5,000***

J. W. Penfold
IZAAK WALTON LEAGUE OF AMERICA
1800 N. Kent St., 806
Arlington 22209
Tel: 703-528-1818

This private environmental organization conducts seminar workshops in 15 urban areas to promote communication between young adults and the traditional conservationists. ***$10,000***

M. G. Goodpasture
FERRUM COLLEGE
Ferrum 24088
Tel: 703-365-2121

The College will conduct a series of workshops and seminars for public school teachers, local government and business leaders, alumni, and students from grades 6-14 in environmental studies. The workshops and seminars are aimed at increasing the environmental literacy of the total community by focusing on local environmental problems. ***$9,800***

Charles W. Blair
ENVIRONMENTAL EDUCATION COUNCIL
MADISON COLLEGE
Harrisonburg 22801
Tel: 703-347-4589

In cooperation with Madison College and the National Park Service, the Environmental Education Council creates environmental awareness in the communities and their schools in an eight-county region surrounding Shenandoah National Park. ***$10,000***

VIRGINIA (cont.)

John Trott
BURGUNDY FARM COUNTRY DAY SCHOOL
7710 Old Dominion Dr.
McLean 22101
Tel: 703-960-3431

A process curriculum based on the analysis of a natural setting and area wildlife will be developed by students and teachers. A process curriculum technique—specific student activities based on the model *A Curriculum Activities Guide to Water Pollution and Environmental Studies**—will be produced. *$9,600*

WASHINGTON

John Miles
HUXLEY COLLEGE
Division of Western Washington State College
Bellingham 98225
Tel: 206-676-3974

The College will develop an environmental education center for inservice environmental education training activities and dissemination of environmental curriculum materials. *$30,000*

Larry Squire
EDMONDS SCHOOL DISTRICT #15
3800 196th St., SW.
Lynnwood 98036
Tel: 206-778-8904 or
778-8905

A community environmental education council, the district PTA, the State Office of Public Instruction and the U.S. Forest Service Regional Office (Portland, Oreg.) are cosponsoring a pilot project in developing and implementing a multidisciplinary process curriculum in environmental education for grades K-12. The pilot utilizes a broad-based socioecological approach which will integrate the cultural, historical, and social aspects of human existence with consideration of fundamental ecological principles applicable to all living things. *$42,000*

Norman V. Letson
SOUTH CENTRAL SCHOOL DISTRICT #406
Seattle 98166
Tel: 206-244-2100

The School District will develop an elementary school environmental education program that makes use of a 3½-acre school site and the community as environmental study areas. *$3,500*

WEST VIRGINIA

Charles Wales
WEST VIRGINIA UNIVERSITY
Freshman Engineering Program
Morgantown 26506
Tel: 304-293-4860

Students at the University are developing supplemental materials based on guided design techniques for use in a variety of subjects at grades 6-12. The materials will be tested in classrooms throughout the State with support of the State Department of Education. *$12,500*

WISCONSIN

Robert Sorensen
MORAINE PARK TECHNICAL INSTITUTE
Board of Vocational, Technical, and Adult Education District #10
VTEA, 235 N. National Ave.
Fon-du-Lac 54935
Tel: 414-922-8611

A 3-week curriculum development training workshop for teachers employed in Wisconsin's vocational, technical, and adult education system will explain ways to introduce environmental education concepts into curriculums using multimedia systems. *$25,000*

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*To order volumes I and II of the *Guide*, see the *Mail Order Form* on the inside back cover.

WISCONSIN (cont.)

Richard Presnell
UNIVERSITY OF WISCONSIN AT GREEN BAY
Green Bay 54302
Tel: 414-465-2158

Ten audiotape slide presentations and a process manual on community environmental problems will be prepared to enhance environmental literacy in the community and classroom. The manual is aimed at showing other communities how to replicate the project based on their own environmental problems. *$10,000*

William C. Kahl, Chairman
WISCONSIN ENVIRONMENTAL EDUCATION COUNCIL
c/o David C. Engleson
University of Wisconsin
Madison 53706
Tel: 608-266-3319

A statewide planning group will identify the State's environmental education needs and develop a strategy for implementing activities to meet these needs with the resources available to the State.
(Statewide planning groups include representatives serving statewide constituencies in elementary, secondary, and higher education; conservation; health and environmental protection agencies; private educational and environmental organizations; citizen groups; business, labor, and industry; consumer organizations; and others. The chairperson is elected by the group.) *$10,500*

Reverend Melvin Tracy
JOHN F. KENNEDY PREPARATORY SCHOOL
Box 109
Nazianz 54323
Tel: 414-773-2111

In cooperation with the Institute of Environmental Education, the school will conduct a 3-week summer course, introducing an interdisciplinary approach to environmental education to 20 junior and senior high school teachers and their 20 students. They will incorporate a problem-solving approach whereby the participants will survey the scientific, economic, legal, social, and political aspects of local pollution problems. Participants will be encouraged to initiate and develop environmental education activities in their 1972 courses. *$7,000*

Arthur H. Cothran
WISCONSIN VOCATIONAL, TECHNICAL, AND ADULT EDUCATION DISTRICT #18
1019 S. Knowles Ave.
New Richmond 54017
Tel: 715-246-6561

A vocational, technical, and adult education district will hold 25 followup environmental studies seminars and workshops in five cities and villages for public employees engaged in water and sewage treatment plant operations. *$7,000*

WYOMING

Joe Lutjeharms
LARAMIE COUNTY SCHOOL DISTRICT #1
School Administration Building
Cheyenne 82001
Tel: 303-632-0591

The School District will conduct a series of model evening workshops for citizens and professional people to enhance their "environmental literacy" concerning specific local environmental problems. The participants will be encouraged to hold similar workshops for their organizations. *$9,000*

MARIANAS ISLANDS

R. Burl Yarberry
COMMUNITY COLLEGE OF MICRONESIA
Trust Territory of the Pacific Islands
Saipan, Marianas Islands 96950
No Telephone

Sixty students and staff members will develop community college-level environmental education materials focusing on the special environmental characteristics of Micronesia. The District Community Development Office, Department of Public Health, and the Department of Education (Ponape) will cooperate in the project. *$25,500*

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